



## SIT3809AC-2-28SZ Information



For Reference Only

Part Number SIT3809AC-2-28SZ

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 2.8V STBY 10PPM

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## SIT3809AC-2-28SZ Specifications

Manufacturer Part Number         SIT3809AC-2-28SZ           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT3809           Type         MEMS VCXO           Programmable Type         Programmed as Request           Available Frequency Range         80MHz ~ 220MHz           Function         Standby           Output         LVCMOS, LVTTL           Voltage - Supply         2.8V           Frequency Stability         ±10pm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         36mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.79mm)		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT3809           Type         MEMS VCXO           Programmable Type         Programmed as Request           Available Frequency Range         80MHz ~ 220MHz           Function         Standby           Output         LVCMOS, LVTTL           Voltage - Supply         ±10ppm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         36mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.79mm)	Manufacturer Part Number	SIT3809AC-2-28SZ
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TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunctionStandbyOutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 80MHz ~ 220MHz  Function Standby  Output LVCMOS, LVTTL  Voltage - Supply 2.8V  Frequency Stability ±10ppm  Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth - Current - Supply (Max) 36mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.00000000000000000000000000000000000	Series	SiT3809
Available Frequency Range  80MHz ~ 220MHz  Function  Standby  Output  LVCMOS, LVTTL  Voltage - Supply  2.8V  Frequency Stability  ±10ppm  Frequency Stability (Total)  - Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  36mA  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.0126" L x 0.098" W (3.20mm x 2.50mm)  Height	Туре	MEMS VCXO
Function Standby Output LVCMOS, LVTTL  Voltage - Supply 2.8V Frequency Stability ±10ppm  Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth - Current - Supply (Max) 36mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL  Voltage - Supply 2.8V  Frequency Stability ±10ppm  Frequency Stability (Total) - Operating Temperature -20°C ~70°C  Spread Spectrum Bandwidth - Current - Supply (Max) 36mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.001" (0.79mm)	Available Frequency Range	80MHz ~ 220MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  Height  2.8V  2.8V  2.8V  500  Surface Mount  -  Surface Mount  0.026" L x 0.098" W (3.20mm x 2.50mm)  0.031" (0.79mm)	Function	Standby
Frequency Stability (Total)	Output	LVCMOS, LVTTL
Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height	Voltage - Supply	2.8V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Operating Temperature	-20°C ~ 70°C
Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Current - Supply (Max)	36mA
Package / Case       4-SMD, No Lead         Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.031" (0.79mm)	Ratings	-
Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

#### SIT3809AC-2-28SZ Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### SIT3809AC-2-28SZ Payment Methods



















# SIT3809AC-2-28SZ Shipping Methods













If you have any question about SIT3809AC-2-28SZ, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com